

Missouri Department of Transportation

Code: R01054

Title: Bridge Maintenance Supervisor

Exemption Status: Non-Exempt

Grade: 14

Job Description

Effective Date	01-01-2014
Replaces (Effective Date)	11-01-2013
General Summary	The bridge maintenance supervisor directs, trains, and supervises crews in the inspection of bridges in the state highway system. Responsibilities are performed under general supervision.
Minimum/Required Qualifications	<p>High School Diploma or GED/HiSET.</p> <p>Valid Class A Commercial Driver's License with no air brake restriction.</p> <p>Employee will be required to pass a cardiopulmonary function test yearly, attend training on the use of respirators, and pass a respirator fit test every six months.</p> <p>Bridge inspection qualified team leader per National Bridge Inspection Standard requirements.</p> <p>Successful completion of National Highway Institute (NHI) Courses 130055, "Safety Inspection of In-Service Bridges" and 130078, "Fracture Critical Techniques for Steel Bridges" preferred, but required within one year of start date in job.</p> <p>Seven years of experience in bridge maintenance, special maintenance, or bridge inspection.</p> <p>Successful completion of a work simulation examination and a medical-physical examination.</p>
Supervisory Responsibilities	Full Supervision
Location	Central Office - Bridge
Special Working Conditions/Job Characteristics	<p>Job requires continuous, overnight, statewide travel.</p> <p>Job requires moderate physical exertion and effort.</p> <p>Job requires exposure to physical hazards, health and safety risks, and/or adverse or otherwise undesirable characteristics in the environment.</p> <p>Job may require operation of vehicles to plow snow and spread ice control materials.</p>

Examples of Work

- (1) Schedules bridge inspections to remain in compliance with federal guidelines.

- (2) Trains and leads crew in utilizing under-bridge inspection equipment to visually inspect bridges and performs non-destructive tests; operates under bridge inspection snoopers and power washers; operates vehicles to transport crew, equipment, and materials to job site.
- (3) Directs the set up of the work site, including traffic control devices such as signs, flags, cones, and arrow boards; directs flagging responsibilities for traffic through work zones.
- (4) Directs training of the crew on bridge inspection documentation procedures, safety, equipment operations, traffic control, and emergency procedures; reviews work progress of crew.
- (5) Assigns and supervises routine cleaning and preventative maintenance of vehicles and equipment; contacts service representatives for repairs as needed.
- (6) Prepares reports on equipment usage, material usage inventories, and daily activities and inspections, including photographs on inspection findings.
- (7) Prepares estimates of material needs; arranges for personnel and equipment needs.
- (8) Communicates to the district bridge engineer significant inspection findings or followup action required as a result of the inspection.
- (9) Performs supervisory responsibilities in a manner consistent with the department's Affirmative Action Program.
- (10) Performs other responsibilities as required or assigned.

The Missouri Department of Transportation promotes an equal opportunity workplace that includes reasonable accommodation of otherwise disabled applicants and employees. Please see your manager should you have any questions about this policy or these job duties.